

WEEKLY CROP-WEATHER

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

RAIN HIT THE NORTH HARD; HOT AND HUMID STATEWIDE

Heavy rain, strong winds, and hail hit the northern portion of the state hard on July 31 through August 1, according to the Minnesota Agricultural Statistics Service. Reports of rainfall vary from three to seven inches in 24 hours in north central Minnesota. It will be several weeks before the effects of the severe weather can be assessed.

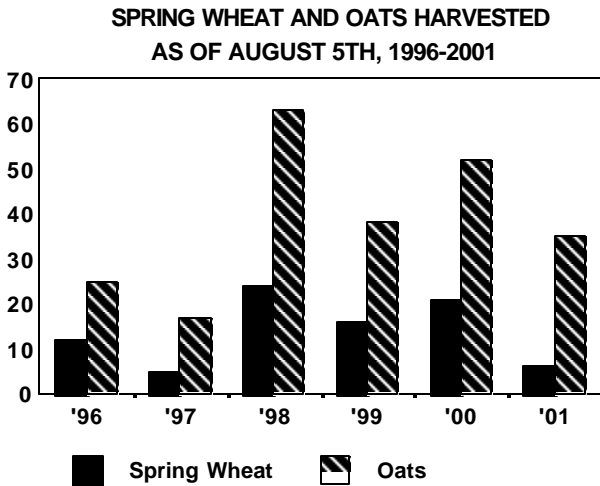
Hot and humid conditions prevailed statewide, as the average temperature was 7.3 degrees above normal. Rain in the southern 2/3 of the state was sparse, however the high humidity helped limit stress on corn and soybeans.

Statewide topsoil moisture conditions as of August 3rd were rated 10% very short, 27% short, 51% adequate, and 12% surplus. Reports of surplus conditions are mostly confined to the northern border area.

Corn is tasseling on an estimated 93% of the acres as of Sunday, August 5th, versus 98% last year and 95% for the 5-year average. Corn in milk stage at 16%, compared with 50% last year and 38% for the 5-year average. Corn condition is rated 43% good to excellent, compared to last week's rating of 42%.

Soybeans are 92% blooming, versus 98% last year and the 5-year average of 94%. Soybeans have set pods on 37% of the acres, compared to 66% last year and the 5-year average of 53%. The soybean condition rating of good to excellent is 55%, compared to last week's rating of 50%.

Spring wheat is 86% turning ripe, compared to 96% a year ago and the 5-year average of 82%. Many fields are lodged and still too wet to enter in the upper Northwest District leading to harvest delays. Spring wheat is 6% harvested, versus 21% harvested last year and 15% for the 5-year average. Spring wheat conditions are rated 55% good to excellent. Harvest progress for oats is 35%, barley 8%, and winter wheat 34%.



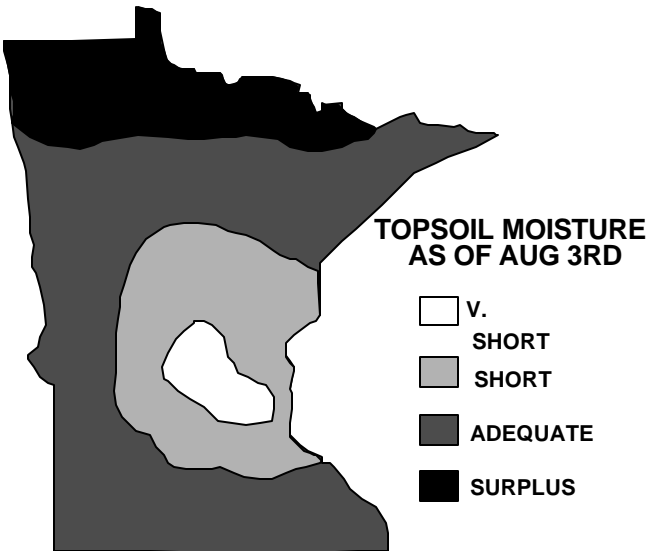
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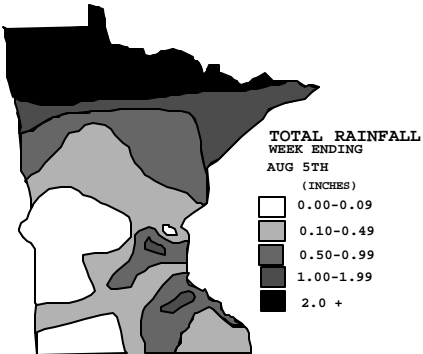
Days Suitable for Fieldwork: 5.4					
		Very Short	Short	Ade-quate	Surplus
Topsoil Moisture (%)		10	27	51	12
Crop Progress as of August 5, 2001					
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week
-----Percent-----					
Corn	Tasseling	95	98	72	93
	Milk	38	50	NA	16
Soybeans	Blooming	94	98	78	92
	Setting Pods	53	66	13	37
Winter Wheat	Harvested	47	44	26	34
Rye	Harvested	63	70	20	32
Sweet Corn	Harvested	13	14	3	12
Spring Wheat	Turning Ripe	82	96	58	86
	Harvested	15	21	0	6
Oats	Turning Ripe	93	96	90	95
	Harvested	39	52	13	35
Barley	Turning Ripe	82	96	66	88
	Harvested	21	40	2	8
Crop Condition as of August 3 rd					
	V. Poor	Poor	Fair	Good	Exc.
Pasture	7	19	38	34	2
Corn	5	13	39	38	5
Soybeans	3	8	34	49	6
Spring Wheat	6	11	28	47	8
Oats	3	9	36	47	5
Barley	5	15	27	46	7
Dry Beans	1	5	22	63	9
Potatoes	2	3	18	50	27
Sunflowers	3	12	22	47	16
Canola	3	7	53	34	3
Sugarbeets	4	7	25	50	14

Processors' sweet corn harvest is 12% complete, compared to 14% last year and 13% for the 5-year average.

Pasture conditions are rated as 36% good to excellent, unchanged from last week.



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING AUGUST 5, 2001:
Temperatures averaged from 5.8 degrees above normal in the Northwest District to 8.3 degrees above normal in the Southeast District. Extremes: 51° in Warroad, Hibbing; 100° in Cambridge. Precipitation averaged from 0.66 inch below normal in the West Central and Southwest Districts to 1.79 inches above normal in the North Central District. Greatest weekly total was 4.83 inches.



Precipitation and Temperature Summary for 07/30/2001 through 08/05/2001

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	Four Weeks	From Norm Since 4/1	Since May 16	Depart from Norm
<u>NW DIST 1</u>										
Crookston	95	58	76.1	5.8	2.55	1.93	3.18	.94	1394	48
Moorhead	95	57	78.8	7.1	.79	.21	.35	1.21	1465	38
Warroad	93	51	71.8	4.4	3.43	2.80	3.59	8.40	1271	100
<u>NC DIST 2</u>										
Grand Rapids	M	M	M	M	M	M	-1.97m	1.56m	1159m	-12m
Intl. Falls	92	56	74.0	7.4	4.83	4.12	5.16	7.36	1223	86
Itasca	95	55	75.7	7.9	.21	-.54	-1.13	.23	1287	96
<u>NE DIST 3</u>										
Duluth	93	57	73.4	7.0	1.21	.37	-.37	4.32	1111	62
Grand Marais	81	57	66.4	3.2	1.90	1.20	.24	5.83	593	-170
Hibbing	93	51	73.2	7.6	.96	.13	-.99	-.74	1161	103
<u>WC DIST 4</u>										
Alexandria	95	59	79.4	7.8	0	-.73	.11	-1.26m	1424	-9
Browns Valley	97	58	79.4	7.0	0	-.59	1.11	4.60	1502	19
Canby	97	60	81.2	7.3	0	-.69	-.30	5.28	1586	-14
Fergus Falls	94	62	78.8	7.7	.10	-.60	.03	4.74	1513	122
Montevideo	93	61	79.4	7.1	0	-.63	-.04	4.71	1480	-49
Morris	93	59	78.4	7.5	.01	-.74	1.13	5.97	1494	72
<u>CENT DIST 5</u>										
Becker	97	62	79.8	9.8	1.30	.43	.04	3.46	1507	140
Hutchinson	96	62	80.6	8.5	.53	-.27	-1.34	1.83	1565	40
Olivia	94	58	78.2	5.5	.18	-.58	-1.67	-.05	1540	-37
St. Cloud	97	59	79.6	9.7	.06	-.72	-.70	3.96	1418	59
Staples	92	57	75.8	6.8	.21	-.47	-.22	6.85	1344	65
Willmar	95	64	79.2	7.5	.16	-.60	-.77	-.00	1523	28
<u>EC DIST 6</u>										
Aitkin	93	52	72.4	4.1	.51	-.40	-1.03	4.10	1327	91
Cambridge	100	64	81.0	10.5	.02	-.82	-1.77	4.47	1429	18
MSP Airport	98	68	82.6	9.2	.19	-.62	-.84	6.23	1631	49
St. Paul - UofM	97	64	82.0	8.2	.42	-.43	-1.08	4.02	1630	1
<u>SW DIST 7</u>										
Lamberton	93	61	78.8	6.9	.15	-.55	3.35	5.99	1539	-11
Pipestone	94	64	79.4	7.9	.15	-.55	-.52	4.91	1537	79
Redwood Falls	96	63	80.7	7.2	.05	-.77	-2.48	-.54	1562	-72
Worthington	93	67	79.7	8.6	0	-.87	-.42	5.15	1578	92
<u>SC DIST 8</u>										
Faribault	95	62	78.3	6.8	1.66	.72	.05	4.96	1496	3
Waseca	94	63	78.7	7.9	.97	.02	-.27	5.04	1555	77
Winnebago	92	62	78.8	7.2	.12	-.80	-1.28	3.71	1546	27
<u>SE DIST 9</u>										
Preston	95	60	79.8	9.8	.21	-.69	-2.08	.24	1475	77
Red Wing	97	61	77.9	8.1	.92	.00	-.47	1.09	1524	166
Rochester	91	61	78.0	7.3	.15	-.76	-1.18	7.45	1453	13
Rosemount	96	63	79.3	8.1	.56	-.33	-2.02	.55	1502	28
Winona	97	63	79.4	7.3	.61	-.23	-.16	2.88	1511	-20

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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